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CORRELATION OF GROUND PHOTOGRAPHY WITH KH-7
SIMFEROPOL SPACE TRACKING FACILITY, USSR

1. THE EARTH SATELLITE TRACKING FACILITY AT SIMFEROPOL IS PROBABLY THE MOST IMPORTANT STATION IN THE USSR FOR TRACKING NEAR-SPACE ORBITING OBJECTS.
2. THIS INSTALLATION WAS FIRST IDENTIFIED [REDACTED] AT WHICH TIME 3 ASTRO-ORIENTED DISHES, 2 BUILDINGS (EACH WITH A PROBABLE DISH ANTENNA), AN INTERFEROMETER UNDER CONSTRUCTION, MISCELLANEOUS OTHER TELEMETRIC EQUIPMENT, AND VARIOUS COMMUNICATIONS FACILITIES WERE OBSERVED. NINE MISSIONS, [REDACTED] HAVE SUBSEQUENTLY COVERED THIS FACILITY.
3. RECENT GROUND PHOTOGRAPHY [REDACTED] PROVIDED GOOD COVERAGE OF THE SIMFEROPOL FACILITY. THIS PHOTOGRAPHY, CORRELATED WITH [REDACTED] PRESENTS THE FOLLOWING ITEMS OF SIGNIFICANT INTEREST. INTELLIGENCE INFORMATION THROUGH [REDACTED] IS INCLUDED.

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- 1-3) A 30 METER RADIO TELESCOPE (#2) AND AN EARTH SATELLITE VEHICLE TRACKING FACILITY COMPOSED OF 2 ESV TRACKING RADARS HOUSED IN ENVIRONMENTAL RADOMES, EACH ATOP AN 80 X 55 FOOT BUILDING (#1 & 3);

These notes have been prepared for briefing purposes only and should not be used for detailed analytical work. Their use should be restricted to the particular briefing board(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue.

GROUP 1
Excluded from automatic
downgrading and
declassification

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- 4-6) A NEW CALIBRATION TOWER (#4), A NEWLY IDENTIFIED TELEMETRY ARRAY (#5), AND A MICROWAVE TOWER WITH 2 DISHES (#6) LOCATED NEAR THE MAIN CONTROL BUILDING;
- 7) TWO NEW PROBABLE TRACKING DISHES AND A NEW PROBABLE TELEMETRY ARRAY, PROBABLY MOUNTED NEAR THE RECENTLY COMPLETED CONTROL-TYPE BUILDING SOUTH OF THE ESV TRACKING FACILITY;
- 8) A 16 ELEMENT (4 ROWS OF 4), NEWLY IDENTIFIED HELIX TELEMETRY ARRAY, LOCATED AT THE SW CORNER OF A NEW BUILDING AT THE TELEMETRY COLLECTION SITE;
- 9) A NEWLY IDENTIFIED LARGE PROBABLE TRACKING DISH MOUNTING STRUCTURE;
- 10) AN OVERHEAD GUIDE CRANE, POSITIONED ACROSS THE ANTENNA MOUNTING STRUCTURE, OF A SIZE FOR ELEVATING A LARGE TRACKING ANTENNA, POSSIBLY SIMILAR TO THE 30 METER TRACKING DISH;
- 11) A 2 ELEMENT HELIX ARRAY (PROBABLE TELEMETRY), PREVIOUSLY IDENTIFIED AS A VHF TRACKING ANTENNA (NPIC R 293/64), MOUNTED ON THE NORTHERNMOST CONTROL BUILDING.

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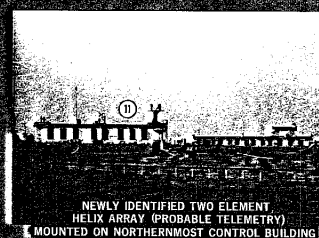
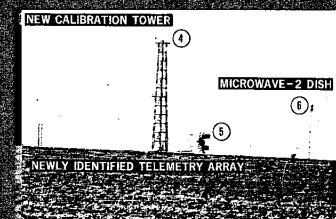
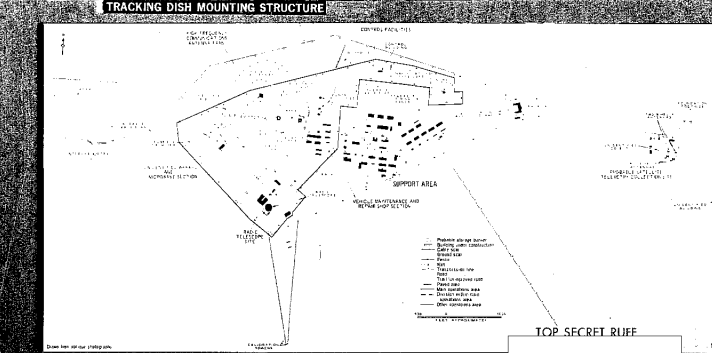
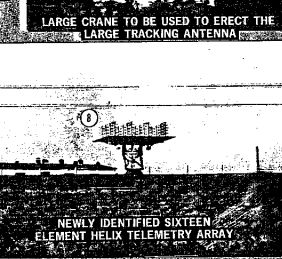
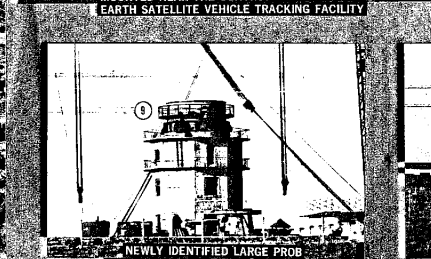
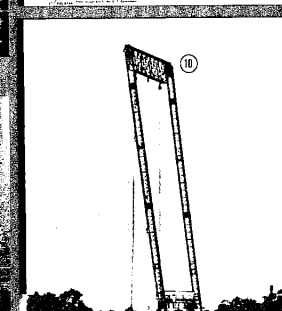
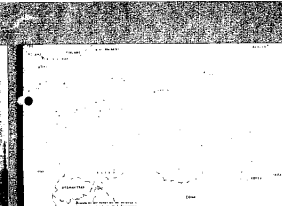
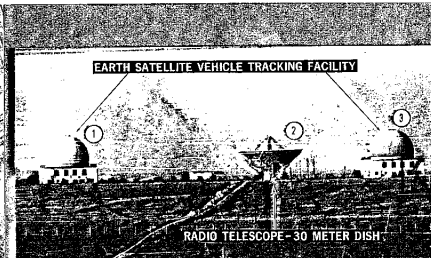
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**CORRELATION OF GROUND PHOTOGRAPHY WITH KH-7
SPACE TRACKING FACILITY, SIMFEROPOL, USSR
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